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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 3

Complete if Known				
Application Number 08/818,520				
Filing Date	March 14, 1997			
First Named Inventor	Farquhar			
Art Unit	1733			
Examiner Name	Yao	<del></del>		
Attorney Docket Number	115576-00154			

	·	_	U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
		Number-Kind Code <sup>2 (d known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
40		US-5,207,586	5/4/1993	MacGregor et al.	
		US-5,208,732	5/4/1993	Baudouin et al.	
		US-5,148,350 /	9/15/1992	Chan et al.	·
725		US-5,206,796	4/27/1993	Thompson et al.	RECT
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ <sup>6</sup>
( <del>)</del>		JP 02-014195	1/18/1990	KITAMURA MAMORU		
70		JP 02-164599	6/25/1990	MITSUO et al.	,	
780		JP 03-045397 .	2/26/1991	MAKOTO et al.		
- <b>A</b>		JP 03-096396 /	4/22/1991	MINORU et al.		
40	1	JP 64-072898	3/17/1989			

Examiner Signature	You	Date Considered	10-13-05

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.¹	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т <sup>6</sup>
<b>AD</b>		JP 01-165415	6/29/1989	KAZUNORI et al.		
	<del> </del>					
Examiner Signature		Yao		Date Considered	10-13-05	

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TRADE TRADE TO THE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449A/PTO		Complete if Ki	nown	
			Application Number	08/818,520	
	INFORMATION D	<del>-</del>	Filing Date	March 14, 1997	
;	STATEMENT BY	APPLICANT	First Named Inventor	Farquhar	
	(Use as many sheets	as necessary)	Art Unit	1733	
			Examiner Name	Yao	
Sheet	3	3	Attorney Docket Number	115576-00154	
<u> </u>					

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
A		Trial Decision Invalidation of Japanese Patent No. 04-035143 (translation), dated September 13, 2004.	
P		Communication dated November 22, 2004 from Canadian Intellectual Property Office Concerning Request for Re-examination of Patent Number 2,143,685.	
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Examiner Signature	Yar	Date Considered 10-13-05

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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of

Complete if Ki	Complete if Known		
Application Number	08/818,520		
Filing Date	March 14, 1997		
First Named Inventor	Jim Farquhar et al.		
Art Unit	1733		
Examiner Name	Yao		
Attorney Docket Number	115576.00154		

PTO/SB/08a

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xaminer nitials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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40		US-5,208,732 /	05/04/1993	Baudouin et al.	
4		US-5,148,350 /	09/25/1992	Chan et al.	
		US-5,206,796 /	04/27/1993	Thompson et al.	<u> </u>
		US-3,579,817 /	05/25/1971	Boyle et al.	
		US-4,865,321 /	09/12/1989	Nakagawa et al.	
		US-4,980,109	12/25/1990	Yamamoto et al.	
<del>20</del>		US-4,798,946	01/17/1989	Fujii et al.	
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		FOREIG	N PATENT DOCUMENT	rs		
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initials	No.'	Country Code <sup>3-</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
7		Japan H02-14195	01/18/1990	Mitsubishi Electric Corp.		
100		Korea 1995-10504	05/04/1987			
200		Korea 1992-4738	12/15/1989			
t						

Examiner Signature	`	Yas	Date Considered	10/	2/	05	

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Complete if Known Substitute for form 1449A/PTO Application Number 08/818,520 INFORMATION DISCLOSURE Filing Date March 14, 1997 STATEMENT BY APPLICANT First Named Inventor Jim Farquhar et al. (Use as many sheets as necessary) Art Unit Examiner Name Yao Attorney Docket Number 115576-00154 Sheet 2 of

NON PATENT LITERATURE DOCUMENTS					
xaminer nitials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
P		Written Request for Invalidation Trial Against Korean Patent No. 192,074 (English Translation) (lists patent documents and publication as Exhibits A-4 to A-12 on page 2).			
p		Written Request for Invalidation Trial (Korean Version) (includes Exhibits A-4 to A-12), dated September 3, 2004; received January 15, 2005.			
		"Manufacturing Processes for Engineering Materials," 2 <sup>nd</sup> Edition, Section 12.6, Serope Kalpkjian, Addison Wesley (04/1994).			
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Examiner Signature	1	Date Considered 10 10 5			

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